

FORM PTO-1390 (REV 02-2005)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET #: 5367-241PUS	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/580972</b>	
INTERNATIONAL APPLICATION NO. <b>PCT/DE2004/002603</b>		INTERNATIONAL FILING DATE <b>24 November 2004</b>		PRIORITY DATE CLAIMED <b>28 November 2003, 27 January 2004</b>	
TITLE OF INVENTION <b>Heat Sink for a Pulsed Laser Diode Bar with Optimized Thermal Time Constant</b>					
APPLICANT(S) FOR DO/EO/US <b>Martin BEHRINGER; Gerhard HERRMANN; Stefan MORGOTT; Frank MÖLLMER</b>					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371</li> <li>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11. to 20. Below concern other document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> Two Information Disclosure Statements under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: (<i>specify</i>): PCT/IB/308 (First Notice and Second and Supplementary Notice) Cover page of published PCT application, Int'l Preliminary Examination Report, Int'l Search Report, Request for Publication of Assignment Information</li> </ol>					

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
10/580972		PCT/DE2004/002603		5367-241PUS	
The following fees are submitted:					
22. <input checked="" type="checkbox"/> Basic National Fee (37 CFR 1.492(a)(1)-(5))		\$300	\$	300	
<input checked="" type="checkbox"/> Examination Fee			\$	200	
If International preliminary examination report is prepared by USPTO and all claims satisfy the provisions of PCT article 33(1)-(4)		\$0			
All other situations		\$200			
23. <input checked="" type="checkbox"/> Search Fee			\$	400	
If International preliminary examination report is prepared by USPTO and all claims satisfy the provisions of PCT article 33(1)-(4)		\$0			
Search fee (37 CFR 1.445(a)(2)) has been paid on the International application to the USPTO as an International Searching Authority		\$100			
International Search Report prepared and provided to the Office or previously provided to the office		\$400			
All other situations		\$500			
ENTER APPROPRIATE BASIC FEE AMOUNT (total of 21, 22 and 23) =			\$		
[] Application Fee for specification and drawing filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of additional 50 or fraction thereof (round up to a whole number)	RATE		
-100 =	/50 =		x \$250	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$	
Claims	Number Filed	Number Extra	RATE		
Total Claims	15 - 20 =	0	x \$ 50.00	\$	
Independent Claims	2 - 3 =	0	x \$200.00	\$	
Multiple dependent claim(s) (if applicable)			+ \$360.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$	900
[] Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	
SUBTOTAL =				\$	900
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$	900
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by the appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED					\$900
Amount to be refunded:				\$	
Amount to be charged:				\$	
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$900 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 03-2412 in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-2412. A duplicate copy of this sheet is enclosed.</p>					
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>					
SEND ALL CORRESPONDENCE TO:					
<u>Thomas Langer</u> Cohen, Pontani, Lieberman & Pavane 551 Fifth Avenue, Suite 1210 New York, New York 10176			<u>Thomas Langer</u> Registration Number: 27,264 May 30, 2006 Tel: (212) 687-2770		

AP20 Rec'd PCT/PTO 30 MAY 2006

Attorney Docket # 5367-241PUS

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re National Phase PCT Application of  
Martin BEHRINGER et al.  
International Application No.: PCT/DE2004/002603  
International Filing Date: November 24, 2004  
For: Heat Sink for a Pulsed Laser Diode Bar with  
Optimized Thermal Time Constant

**REQUEST FOR PUBLICATION OF ASSIGNMENT INFORMATION**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R:

It is requested that the following assignment information be published as part of the  
18 month publication of the present application:

**Osram Opto Semiconductors GmbH  
Wernerwerkstrasse 2  
93049 Regensburg, Germany**

Respectfully submitted,  
COHEN, PONTANI, LIEBERMAN & PAVANE

By: Thomas Langer  
Thomas Langer  
Reg. No. 27,264  
551 Fifth Avenue, Suite 1210  
New York, N.Y. 10176  
(212) 687-2770

30 May 2006